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Amendments to the Specification

On pages 6 and 7, please replace the paragraph which bridges these two pages as follows:

-- It is an object of the invention to provide a sonic- or ultrasonic flowmeter, suitable for replacement of differential flowmeters. Differential pressure flowmeters used in industry comprise a differential pressure transducer 1. Fig. 1 shows an example for differential pressure transducer 1. It comprises of a differential pressure sensor, which is enclosed in a sensor block 3 and a transmitter ~~electronic~~ electronics, which is enclosed in a housing 5. The housing 5 is mounted on the sensor block 3. The sensor block 3 is shown in more detail in Fig. 2. The differential pressure sensor is enclosed between two side flanges 7 of rectangular cross-section, which are bolted together. Each side flange 7 has two oval flanges 9, which are located on two opposing narrow sternfaces of the respective side flanges 7. Each oval flange 9 comprises a pair of two threaded bores 11 for mounting the differential pressure transducer 1 on a measurement site. A pressure inlet port 13 is ~~foreseen~~ included between the threaded bores 11 of each pair. The position of the threaded bores 11 and the pressure inlet ports 13 ~~complies~~ comply with an industry standard. The bores 11 form a rectangle with standardized side length. --.

Page 8, replace the third full paragraph with the following:

-- Fig. 4 shows a first embodiment of a sonic- or ultrasonic flowmeter, for replacement of a differential pressure flowmeter, according to the invention. It comprises a pipe segment 27, to be connected to a first pipe 17 and a second pipe 19. The pipe segment 27 ~~and~~ , the first pipe 17, and the second pipe 19 have a diameter D, which complies to an industry standard for pipe diameters used in

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differential pressure flow measurement, for example a diameter D of 15 mm, 100mm or 150 mm. --.

Page 9, replace the third paragraph with the following:

-- In the embodiment shown, both sonic- or ultrasonic transducers 35 act as ~~transmitter~~ transmitters and ~~receiver~~ receivers for ultrasonic signals 39. In operation, each sonic- or ultrasonic transducer 35 transmits a sonic- or ultrasonic signal 39, for example a short sonic- or ultrasonic pulse or beam ~~through~~ across the pipe segment 27. The signal 9 39 is received by the opposing sonic- or ultrasonic transducer 35. --.